

JULY 03, 2002

ROBERT GROOVER
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PTAS

JUL - 8 2002

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
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102078286A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/29/2002

REEL/FRAME: 012849/0780
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHULTZ, ROGER L.

DOC DATE: 02/26/2002

ASSIGNOR:

DE JESUS, ORLANDO

DOC DATE: 02/28/2002

ASSIGNOR:

OSBORNE, ANDREW J. JR.

DOC DATE: 03/06/2002

ASSIGNEE:

HALLIBURTON ENERGY SERVICES, INC.
10200 BELLAIRE BLVD.
HOUSTON, TEXAS 77072-5299

SERIAL NUMBER: 10035350

PATENT NUMBER:

FILING DATE: 10/26/2001
ISSUE DATE:

012849/0780 PAGE 2

SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Sep 06 05 04:19p

972-980-5841

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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/02)

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05-06-2002



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Tr

102078286

inal documents or copy thereof.

1. Name of conveying party(ies):

Roger L. Schultz, Orlando De Jesus, Andrew J. Osborne, Jr.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Halliburton Energy Services, Inc.

Address: 10200 Bellaire Blvd., Houston, TX 77072-5299, U.S.A.

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Security Agreement

☐ Other

☐ Merger

☐ Change of Name

4.29.02

Execution Date: 2/26/02, 2/28/02, 3/6/02

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: (Atty.Docket SC-00-12)

A. Patent Application No.(s)

10/035,350

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert Groover
17000 Preston Rd. #230,
Dallas TX 75248
(972) 380-6333

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$40

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

07-2320

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert Groover

Name of Person Signing

Signature

4/15/02

Date

Total number of pages including cover sheet, attachments, and document:

3

Mail documents to be recorded with required cover sheet information to:

05/02/2002 BNGUYEN1 00000010 10035350

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ASSIGNMENT

As a below-named inventor of the U.S. patent application entitled **Mean Strain Ratio Analysis Method and System for Detecting Drill Bit Failure and Signaling Surface Operator**, which names an inventorship of Roger L. Schultz and Orlando De Jesus and Andrew J. Osborne Jr., and which was filed 10/26/2001 (MM/DD/YY) and received Serial No. 10/035,350, I hereby sell, assign and transfer to **Halliburton Energy Services, Inc.**, 10200 Bellaire Blvd., Houston, TX 77072-5299, U.S.A., (hereinafter referred to as ASSIGNEE), for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in all foreign countries to be obtained for said invention by said application or any division, continuation, continuation-in-part, renewal, substitute, extension, re-examination or reissue thereof or any legal equivalent thereof in any foreign country for the full term or terms of which the same may be granted, and specifically including the right to file foreign applications and claim priority therefor under the provisions of any convention or treaty;

and I also hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

and I further hereby covenant that I will, upon ASSIGNEE'S request, promptly provide ASSIGNEE with all pertinent facts and documents, relating to said application, to any invention disclosed therein, or to any of said Letters Patent or legal equivalents thereof in the United States or in foreign countries, as may be known and accessible to me, and that I will testify and give evidence as to the same in any litigation or interference which may arise, and that I will promptly execute and deliver to ASSIGNEE or its legal representative, without charge but at Assignee's expense, any and all papers, instruments or affidavits which may be required, necessary or desirable for the purpose of applying for, obtaining, maintaining, issuing or enforcing said application and said Letters Patent and said equivalents thereof in the United States or in any foreign country; and I further authorize ASSIGNEE or its legal representative to make any submissions or true declarations which may be needed in connection with the prosecution of this application or related applications in the U.S. or in other countries, consistent with the requirements of the applicable country;

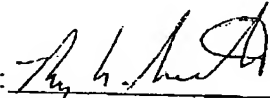
Assignment SC-00-12

Page 1

AND I HEREBY AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on said invention to ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the date set forth below.

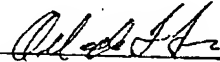
Inventor's Name: Roger L. Schultz

Signature: 

Residence Address: 4792 Red Oak Circle, Aubrey, TX 76227, U.S.A.

Today's Date, and Date Application Signed: 2/23/02

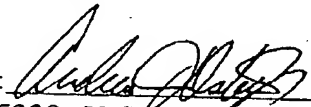
Inventor's Name: Orlando De Jesus

Signature: 

Residence Address: 120 Brumley, Apt #5, Stillwater, OK 74074, U.S.A.

Today's Date, and Date Application Signed: 3/6/02

Inventor's Name: Andrew J. Osborne Jr.

Signature: 

Residence Address: 10229 Linkwood Drive, Dallas, TX 75238, U.S.A.

Today's Date, and Date Application Signed: 2/26/02



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

7/19/05

Patent No. : 6,817,425
Ser. No. : 10/035,350
Inventor(s) : Schultz et al.
Issued : November 16, 2004
Title : **MEAN STRAIN RATIO ANALYSIS METHOD AND SYSTEM
FOR DETECTING DRILL BIT FAILURE AND SIGNALING
SURFACE OPERATOR**
Docket No. : SC-00-12

Re: Request for Certificate of Correction:

Consideration has been given your request for Certificate of Correction for the above-identified patent under the provisions of Rule(s) 1.322 and/or 1.323.

Assignees' names and addresses (assignment data) printed in a patent, are based *solely* on information supplied in the appropriate space for identifying the assignment data, i.e., item 3 of the Issue Fee Transmittal Form PTOL-85B. Granting of a request under 37 CFR 3.81(b) is required to correct applicant's error providing incorrect or erroneous assignment data, *before* issuance of a Certificate of Correction, under 37 CFR 1.323 (*see Manual of Patent Examining Procedures (M.P.E.P) Chp.1400, sect. 1481*). This procedure is required *at any time after the issue fee is paid*, including after issuance of the patent.

In view of the foregoing, your request, in this matter, is hereby denied.

A request to correct the Assignee under 37 CFR 3.81(b) should include:

- A. the processing fee set forth in 37 CFR 1.117(h) (currently \$130);
- B. a statement that the failure to include the correct assignee name on the PTOL-85B was inadvertent; and
- C. a copy of the Notice of Recordation of Assignment Document, reflecting the reel and frame number where the assignment(s) is recorded and/or reflecting proof of *the date* the assignment was submitted for recordation.

In the Request, Applicant(s) may request that the file be forwarded to Certificates of Correction Branch, for issuance of a Certificate of Correction, if the Request is granted.

Any request under 37 CFR 3.81(b) should be directed to the following address or facsimile number:

By mail: Mail Stop PETITIONS
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

By hand: Customer Service Window
Mail Stop Petitions
Randolph Building
401 Dulany Street
Alexandria, VA 22314

By fax: (703) 872-9306
ATTN: Office of Petitions

If a fee (currently \$100) was previously submitted for consideration of a Request for Certificate of Correction, under CFR 1.323, to correct assignment data, no additional fee is required.

Ernest C. White, *LIE*
For Cecelia Newman
Decisions & Certificates
of Correction Branch
(703) 308-9390 ext.122 or (703) 308-9390

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